

STUDEBAKER HAS NEW SENSATION

Light Six Is One of the Features of the Big Show.

Springing sensations at automobile shows has become a Studebaker habit, but perhaps the greatest one yet produced is the appearance of the new Studebaker Light Six. Coincident with its advent at the motor car show it is announced that the entire facilities of the great \$15,000,000 factory now nearing completion in South Bend, Ind., will be devoted to the manufacture of this model.

Visitors attending the show this year will recall the famous Studebaker Gold Chassis and Gold Car, features of previous shows, both of which were sent the length and breadth of the land and then to foreign countries. In the course of this travels they were viewed by millions of people.

And now the new car is hailed by its makers as the "world's greatest light six," and judging from the crowds that have gathered about it and the interest displayed in it, this car is considered not only unusual but revolutionary in its design.

The new Light Six ranks as the first car at its price equipped with cord tires, which today are on all of the most expensive motor cars. As a matter of fact numerous features of high-priced motor cars are to be found in the Studebaker Light Six.

A hurried inspection at the show gives only a slight conception of how much class this new car really has. It looks a great deal longer than it is because of the rakish cut of the body. The high, narrow radiator is particularly pleasing and the lines of the lustrous black enameled body are low and graceful viewed from any angle. Even the windshield is tipped at a clever angle and the fenders have a neat "hug" which is convincing.

Outstanding features are such little things not usually found in cars of this price, like plate glass oval windows in rear of a distinctive gray top, outside door handles, double drumming headlights, limousine footboard and other luxurious trimmings. The upholstery is of genuine leather and both driver's compartment and tonneau have plenty of leg room. The seats are big, deep and comfortable, and the instrument board is well arranged for the convenience of driver. In fact, when you slide in under the wheel you are immediately delighted with the accessibility of clutch pedal, brake, accelerator and starter, while a big, easily handled steering wheel makes you feel that you

could drive the car all day without any discomfort.

On 112-inch wheel base, the new Studebaker has a 40-horsepower six-cylinder motor, and the car weighs complete but 2,400 pounds. Cord tires are 32x4 inches and wheels are steel felloes.

So perfectly is the new car balanced that the chassis can be either halved or quartered, and each section will show the same weight. Because of this even distribution of weight the new Studebaker Light Six in severe tests preceding its announcement proved its ability to hold the road at speeds under conditions where heavier, less scientifically balanced cars showed a tendency toward sideways.

Other outstanding and exceptional features in the new car are numerous. The motor of 34 inch bore by 4 1/2 inch stroke, with aluminum detachable head, is notable not only for its accessibility and clean-cut design, but also for its truly wonderful economy. This economy is secured by means of a unique feature which converts every drop of gasoline into power with no possibility of waste, and the performance and general efficiency of the new car are in consequence remarkable.

A feature for which a patent application has been made, the internal hot spot which surrounds each spark plug, secures better vaporization, a hotter fuel, greater economy and better combustion. All these result from the fact that the incoming gas, after being thoroughly vaporized by passing over the hot combustion chamber, hits this unjacketed hot spot the instant it gets through the inlet valve. This hot spot is controlled and never becomes excessively hot. Part of the intake manifold is in contact with the water manifold. The flow of cold water is faster as the speed of the motor is increased, so that the water remains at a constant temperature. This exclusive construction takes the best from the air-cooled motor and combines with it the obvious advantages of the water-cooled type.

Inclined valve action, found only in one imported car and in one of the highest-priced American motors, is a feature of the new Studebaker Light Six. With this new type of valve action, where the valves are inclined at an angle of 20 degrees, and with the new intake manifold design, the gases in the combustion chamber are not deflected in any way. There is practically a straight line passage into the combustion chamber, providing maximum economy, perfect combustion and precluding the possibility of any unvaporized gasoline lying on top of or seeping down past the pistons.

The Light Six is the only car, with the exception of two selling considerably over \$2,000, that has the crankshaft and connecting rods machined all over. These machining operations insure perfect balance. A corps of expert inspectors check up on the work of the machinists, and every crankshaft is in perfect running balance when it is passed by the final inspector for assembling. Connecting rods are so machined in length or equal to a well-known make of car selling at

A View of the Head of the Truck Train



GOOD ROADS IN WEST TENNESSEE SPELL PROGRESS AND PROSPERITY

nearly three times the Studebaker price. Little angularity, less side wear on the pistons and better balance result.

Among other noteworthy features are a convenient and accessible adjustment for taking up wear on the chain used in driving the timing gears; three point suspension for motor and transmission; straight line frame construction with the offset, oil treated nickel steel transmission gears, and a construction that obtains straight direct line drive without angularity in the driveshaft.

FINE OLD HORSE DIES AT AGE OF 43 YEARS

MANCHESTER, N. H.—Priscilla, the oldest horse in Manchester, died here, aged 42 years. She was the property of Edward Stratton, a local business man. She was raised in Vermont and carried the blood of the old-time Morgans.

Read News Scimitar Wants.

VALUE AND VOLUME NASH MOTORS POLICY

The performance of high-grade passenger cars and trucks in the past two years has broadened their range of use to such a marked degree that the demand, for some time to come, seems certain to exceed the rapidly increasing supply. The standing of the Nash Motors company with respect to the caliber of the men directing it, its ample finances, its methods of doing business and its machinery for the manufacture and sale of its products assure value cars as well as volume production.

The men directing the activities of the Nash Motors company are of proved ability. Their long and successful records in the automobile industry stamp them as men in whom the automobile public may have implicit confidence. Take, for instance, G. W. Nash himself. He has been prominently identified with the industry from its beginning, and has been one of the foremost exponents of the policy of value products and volume production.

In the Nash shops are employed 4,000 skilled workmen. A large proportion of these men are expert mechanics. Many of them came to their present place of employment from the machine shops of Europe more than a quarter of a century ago, while many others had been trained in Nash manufacturing methods under Mr. Nash before he came to Kenosha.

RETURNS TO FIND GIRL OF FOUR DEAD OF BURNS

NEW YORK—While playing with matches in her home, Frances Reiter, 4 years old, ignited her clothing and was dead when her mother returned from a store a half hour later. A younger sister, Olga, aged 3, was in the room, but was not injured.

Doug. Fairbanks Orders First Tires From California Plant

With Douglas Fairbanks, anything that emanates from California is unreservedly O. K. and this prejudice needs no justification, for in the Golden state he has found ideal conditions for shooting movies.

"Doug" moreover, knows good automobile tires and wants them to come up smiling after a world of punishment. So, the most genial and athletic of our film stars has ordered the first set of Goodyear cord tires to be built in the California plant of the Goodyear Tire and Rubber company.

In the following letter addressed to F. A. Seiberling, president of the Goodyear, "Doug" makes his request, which has been granted. His letter follows:

"First of all, I want to congratulate you and also California, upon your establishing the wonderful factory now being erected in Los Angeles. Your foresight and industrial vision and the commanding position your company holds in the business world have a tremendous influence upon the prosperity and development of this part of our country, which we all love so much.

"May I not have the honor of placing my order with you for the first set of tires which will be turned out from your new Los Angeles plant, as soon as it is completed. I know how hard it is to secure Goodyear cord tires and I am taking no chances on being disappointed, so I want to get in my order early.

"With best wishes for an overwhelming success in your new California plant, and hoping that my order may be promptly acknowledged and accepted, I am, sincerely,

"DOUGLAS FAIRBANKS."

There is no question that the versatile "Doug" will put his first California-bred cords through a series of stunts worthy of their famous owner. He may mount them while doing a hand stand and do a few 75-mile an hour thrills on the rim of the Grand canyon.

At any rate, he will get delivery on the first set of "native son" Goodyears. Bill Hart is said to be filled with envy. It is thought he would accept the second set turned out by the California factory, if he had any use for them. But the famous two-run man can't put them on his white horse.

FAMOUS DRIVER SEEKS SPORTSMAN

Jean Porporato, one of the most celebrated of European racing drivers, is looking for an American sportsman to join him in an attempt to win the next international 500-mile sweepstakes race on the Indianapolis motor speedway, Monday, May 21, 1929.

Porporato has secured an option on a special 181-cubic inch engine designed by Caussin, one of the most famous French engineers. The power developed by the engine is 100 h. p., and it was recently run on the block eight consecutive days and nights at 3,500 revolutions per minute without a stop, giving sufficient indication as to its staying power.

It is Porporato's plan to drop this engine into a chassis and to try for the lion's share of the speedway's \$50,000 prize money, provided he can find some American sportsman or factory to back him in the venture. His own finances are low at present, due to his having just been released from the army after four years of service.

Porporato estimates the cost of carrying out his plan to be not in excess of \$50,000 francs, which, at the present low rate of exchange figures about \$5,000. Communications can be addressed to Porporato, care of W. F. Bradley, Chemin des Coteaux, Rueil (S. O.), France, or to the Indianapolis Motor Speedway company.

SEATTLE PARADE RECORD BROKEN

The ship-by-truck demonstration recently staged at Seattle is the biggest on record. More than 1,100 motor trucks were in the parade which was led by the governor of the state.

An Influenza Heart

You know what heart trouble does to a man. Do you realize how it ruins an automobile?

The heart of your car is the carburetor. Why not give your car a brand new heart that will act under all weather conditions?

The Zenith Carburetor

The nerves and circulation system of your car are its electrical devices—its starting, lighting, ignition and generation.

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Let us fix your heart and attend to your nerves, so your car will be sound. Have expert work done by experts.

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